

Converting Colors

Yxy(53.9408, 0.3479, 0.3798)

Have a look what the booklet for
Yxy(53.9408, 0.3479, 0.3798)
contains.

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Color

Yxy(54.1258, 0.3473, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	C8C49B
RGB	200, 196, 155
RGB Percent	78%, 77%, 61%
CMY	0.2158, 0.2313, 0.3922
CMYK	0.00, 0.02, 0.22, 0.22
HSL	55°, 29%, 70%
HSV	55°, 22%, 78%
XYZ	49.4681, 54.1258, 38.8424
YIQ	192.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

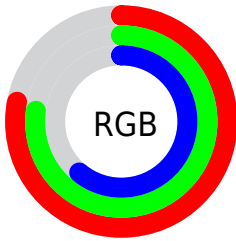
Format	Color
R _Y B	159, 200, 155
Decimal	13157531
CIE Lab	78.54, -5.29, 21.15
CIE LCh	79, 21.798, 104.038
Yxy	54.1258, 0.3473, 0.3800
Android (android.graphics.Color)	4291347611 (0xFFC8C49B)
YUV	192.5220, -18.4983, 6.5582
Hunter-Lab	73.5702, -8.7257, 20.1962

Details

The Yxy color **54.1258, 0.3473, 0.3800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9096, 0.2754, 0.2723**, and the grayscale version is **53.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1637, 0.3397, 0.3712**, and **26.4565, 0.3564, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **52.7231, 0.3633, 0.4029**, and if you desaturate by 10%, it is **55.6538, 0.3315, 0.3570**.

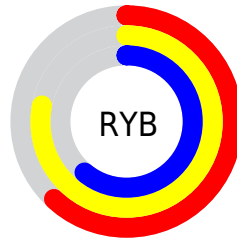
Distribution



Red (78%)

Green (77%)

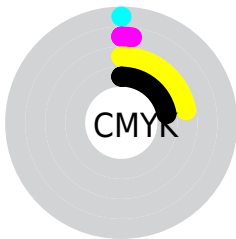
Blue (61%)



Red (62%)

Yellow (78%)

Blue (61%)

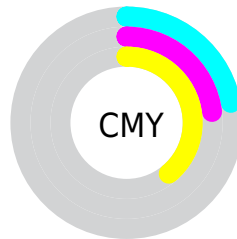


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (23%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1258, 0.3473, 0.3800 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.1258, 0.3473, 0.3800 by changing the saturation by 10% instead.


 54.1258, 0.3473,
0.3800

 54.1258, 0.3473,
0.3800


402.5895, 0.3307,
0.3549

 38.7022, 0.3512,
0.3861


 96.2589, 0.3414,
0.3710

 26.5282, 0.3561,
0.3938


 123.7373, 0.3392,
0.3676

 17.2192, 0.3624,
0.4039


156.0027, 0.3372,
0.3647

 10.3909, 0.3707,
0.4176

193.4396, 0.3356,
0.3622

 5.6589, 0.3820,
0.4370

236.4323, 0.3341,
0.3600

 2.6388, 0.3986,
0.4675

285.3653, 0.3328,

 0.9462, 0.4483,

0.3581

0.5517

340.6229, 0.3317,
0.3564

0.0000, 0.0000,
0.0000

54.1258, 0.3473,
0.3800

54.1258, 0.3473,
0.3800

52.7231, 0.3633,
0.4029

55.6538, 0.3315,
0.3570

51.4331, 0.3790,
0.4250

57.3051, 0.3164,
0.3345

50.2521, 0.3938,
0.4452

59.0869, 0.3021,
0.3130

49.1737, 0.4071,
0.4625

61.0037, 0.2888,
0.2928

48.1904, 0.4182,
0.4762

63.0598, 0.2766,
0.2741

■ 47.2939, 0.4268,
0.4856

■ 63.9060, 0.2767,
0.2760

■ 46.4741, 0.4327,
0.4907

■ 64.7596, 0.2768,
0.2780

■ 45.8955, 0.4357,
0.4923

■ 65.6226, 0.2770,
0.2800

■ 66.4952, 0.2771,
0.2819

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.1258, 0.3660, 0.3685



54.1258, 0.3473, 0.3800



54.1258, 0.3198, 0.3770

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1258, 0.3473, 0.3800



54.1258, 0.2587, 0.3061



54.1258, 0.3329, 0.3014

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.1258, 0.3473, 0.3800



35.9096, 0.2754, 0.2723

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.1258, 0.3035, 0.2862



54.1258, 0.3473, 0.3800



54.1258, 0.2617, 0.2878

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.1258, 0.3473, 0.3800



54.1258, 0.2693, 0.3324



54.1258, 0.2777, 0.2811



54.1258, 0.3577, 0.3234

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.1258, 0.3473, 0.3800



54.1258, 0.3005, 0.3665



54.1258, 0.2777, 0.2811



54.1258, 0.3232, 0.2954

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.1282, 0.3473, 0.3800



97.9068, 0.3233, 0.3447



38.2321, 0.3537, 0.3233



20.9186, 0.3242, 0.3461



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.1282, 0.3473, 0.3800



92.5330, 0.3551, 0.3913



53.6018, 0.3313, 0.3873



12.2515, 0.3267, 0.3499



29.2593, 0.4354, 0.4925



1.4333, 0.4317, 0.4954

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.9096, 0.2754, 0.2723



55.4643, 0.2662, 0.2580



36.4875, 0.2907, 0.2694



10.4348, 0.2983, 0.3072



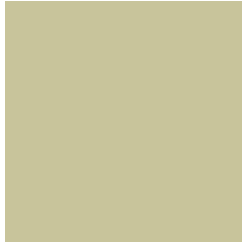
2.9747, 0.1518, 0.0665



0.1936, 0.1577, 0.0878

Previews

White Background



This preview shows how the Yxy color 54.1258, 0.3473, 0.3800 looks on a white background.

Color Contrast Check

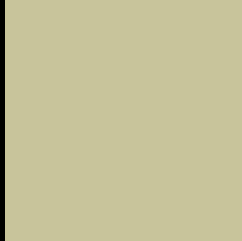
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.1258, 0.3473, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

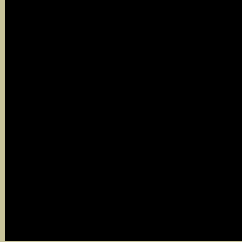
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

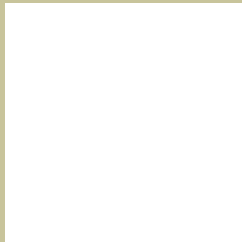
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1258, 0.3473, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 54.1258, 0.3473, 0.3800.



This preview shows how white text looks on a background with the Yxy color 54.1258, 0.3473, 0.3800.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.1258, 0.3473, 0.3800

Protanopia

54.1821, 0.3547, 0.3779

Deuteranopia

54.1437, 0.3711, 0.3639



Tritanopia

53.8766, 0.3152, 0.3113

Trichromacy



Original Color

54.1258, 0.3473, 0.3800

Protanomaly

54.2007, 0.3518, 0.3795

Deuteranomaly

53.9789, 0.3630, 0.3695

Tritanomaly

54.0818, 0.3272, 0.3363

Monochromacy



Original Color

54.1258, 0.3473, 0.3800

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5740, 0.3257, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1258, 0.3473, 0.3800 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(200, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(200, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 155) }
```

Border

The CSS property to change the border of an element to Yxy 54.1258, 0.3473, 0.3800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 196, 155) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(200, 196, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(200, 196, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1258, 0.3473, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(200,  
196, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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